

Title (en)

Heat-recovery boiler provided with divergent duct

Title (de)

Abhitzeessel mit einem divergierenden Kanal

Title (fr)

Chaudière de récupération avec canal divergent

Publication

EP 0863364 A2 19980909 (EN)

Application

EP 98200705 A 19980306

Priority

IT MI970509 A 19970307

Abstract (en)

A heat-recovery boiler provided with a divergent duct that runs from the outlet of a turbine to the inlet of a boiler; the covering wall of the divergent duct, which runs from the top of the boiler to the top of the outlet of the turbine, is inclined at an angle (α) which is greater than 45 DEG and up to 75 DEG with respect to the horizontal plane; the divergent duct is connected with the upper part of the outlet of the turbine by means of an arc-shaped wall portion; inside the divergent duct, in the region delimited by the arc-shaped wall, gas stream conveyance profiles are provided which are arranged in succession and in adjacent rows. <IMAGE>

IPC 1-7

F22B 1/18; F01D 25/30; F01K 23/10

IPC 8 full level

F01D 25/30 (2006.01); **F22B 1/18** (2006.01)

CPC (source: EP)

F01D 25/30 (2013.01); **F22B 1/1815** (2013.01); **F05D 2250/324** (2013.01)

Cited by

EP2325559A1; RU2620309C2; US2012174586A1; EP2224101A1; US10001272B2; WO2011028356A3; WO2011060935A1; WO2016209365A1; US10280772B2; US10563527B2; US9291342B2; US9291177B2

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